



## Special Issue on Geodynamics

### Call for Papers

Geodynamics refers to the processes by which mantle convection shapes and reshapes the Earth and other rocky planets. Its study includes plate tectonics, volcanism, the chemistry of lava and volcanic rocks, gravity and geomagnetic anomalies as well as seismic investigations into the structure of the mantle. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **geodynamics**.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **geodynamics**. In this special issue, potential topics include, but are not limited to:

- Dynamics of the Earth
- Gravity and heat flow
- Regions of the Earth
- Satellites and space probes
- Plate tectonic processes
- Mantle geodynamics: mantle convection
- Geophysical geodynamics
- Stress field and deformation
- Crustal and mantle rheology
- Geodynamics of magma transport
- Geodynamics of topographic change
- Geodynamics of large ice sheets
- Geodynamic control on ore and hydrocarbon mineral deposits

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Geodynamics**” should be chosen during your submission.

According to the following timetable:

|                     |                     |
|---------------------|---------------------|
| Submission Deadline | February 23rd, 2022 |
| Publication Date    | April 2022          |



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**Guest Editor:**

For further questions or inquiries  
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